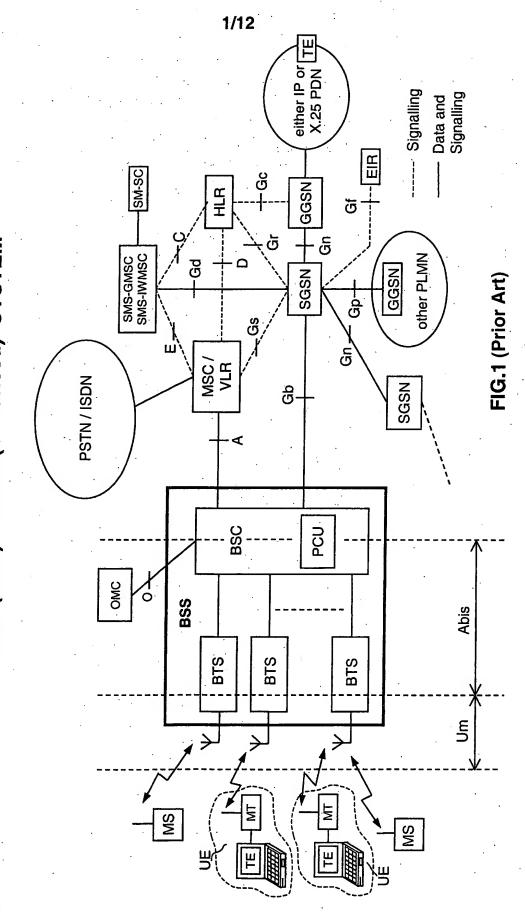


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GSM (DCS) - GPRS (Enhanced) SYSTEM

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1 GSM-GPRS iperframe = 2048 superframes = 2.715.648 frames (3h 28m 63s 760ms)

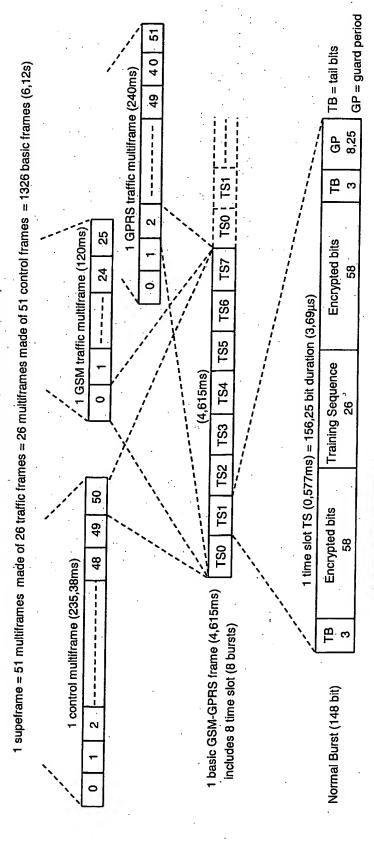


FIG.2 (Prior Art)

Frequency Correction Burst (148 bit)

Synchronization Burst (148 bit)

Access Burst (83 bit)



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## TRAFFIC CHANNEL ORGANIZATION

Bi-directional full-rate TCH (T) GSM multiframe and associated signalling (A)

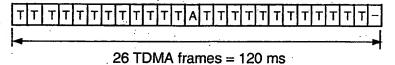
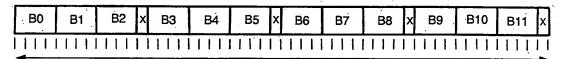


FIG.3a (Prior Art)

GPRS multiframe including 12 Radio blocks (B) of 4 basic frames each plus 4 idle frames (X)



52 TDMA frame = 240 ms

FIG.3b (Prior Art)

## MAPPING RLC LAYER INTO PHYSICAL LAYER

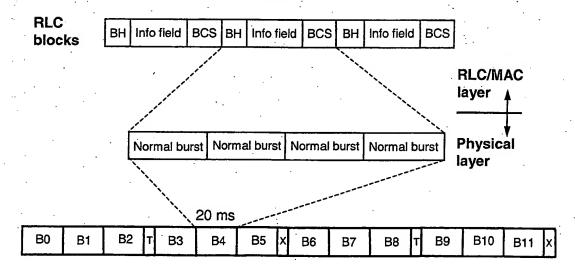


FIG.4 (Prior Art)